

MAIL TO:

STATE OF UTAH
 DIVISION OF PURCHASING
 3150 STATE OFFICE BUILDING, CAPITOL HILL
 P.O. BOX 141061
 SALT LAKE CITY, UTAH 84114-1061
 TELEPHONE (801) 538-3026
<http://www.purchasing.state.ut.us>

Invitation to BidSolicitation Number: **GM3019**Due Date: **01/07/03 at 2:00 P.M.**

Date Sent: December 19, 2002

Goods and services to be

PROVIDE NCR AUTHORIZED HARDWARE AND SOFTWARE MAINTENANCE AND SUPPORT**Please complete**

Company Name		Federal Tax Identification Number	
Ordering Address	City	State	Zip Code
Remittance Address (if different from ordering address)	City	State	Zip Code
Type <input type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Proprietorship <input type="checkbox"/> Government	Company Contact Person		
Telephone Number (include area code)	Fax Number (include area code)		
Company's Internet Web Address	Email Address		
Discount Terms (for bid purposes, bid discounts less than 30 days will not be considered)	Days Required for Delivery After Receipt of Order (see attached for any required minimums)		
<p>The following documents are included in this solicitation: Solicitation forms, instructions and general provisions, and specifications. <u>Please review all documents carefully before completing.</u></p> <p>The undersigned certifies that the goods or services offered are produced, mined, grown, manufactured, or performed in Utah. Yes ____ No _____. If no, enter where produced, etc. _____</p>			
Offeror's Authorized Representative's Signature		Date	
Type or Print Name		Position or Title	

STATE OF UTAH
DIVISION OF PURCHASING

Invitation to Bid

Solicitation Number: **GM3019**

Due Date: **01/07/03**

Vendor Name:

Description	Unit Price	Extension
<p>THE STATE OF UTAH, DEPARTMENT OF HEALTH, DIVISION OF HEALTH CARE FINANCING (HCF), IS SOLICITING BIDS FROM AN NCR AUTHORIZED PROVIDER OF HARDWARE AND SOFTWARE MAINTENANCE AND SUPPORT PER THE ATTACHED SPECIFICATIONS.</p> <p>THE AWARD OF THIS SOLICITATION WILL RESULT IN A 1 YEAR CONTRACT WITH THREE (3) ANNUAL OPTIONS TO RENEW.</p> <p>QUESTIONS MAY BE SUBMITTED IN WRITING PRIOR TO 12/31/02 TO JOLYN BRIXEY VIA E-MAIL AT: jbrixey@utah.gov. BID PROCESS QUESTIONS MAY BE SUBMITTED TO THE PURCHASING AGENT, GLENDON MITCHELL (801) 538-3138.</p> <p>*****</p> <p>REFERENCE RX: 270 35000000011</p>	\$	\$

INVITATION TO BID - INSTRUCTION AND GENERAL PROVISIONS

1. **BID PREPARATION:** (a) All prices and notations must be in ink or typewritten. (b) Price each item separately. Unit price shall be shown and a total price shall be entered for each item bid. (c) Unit price will govern, if there is an error in the extension. (d) Delivery time is critical and must be adhered to as bid. (e) Wherever in this document an item is defined by using a trade name of a manufacturer and/or model number, it is intended that the words, "or approved equal" apply. "Or approved equal" means any other brand that is equal in use, quality, economy and performance to the brand listed as determined by the Division of Purchasing & General Services (DIVISION). If the bidder lists a trade name and/or catalog number in the bid, the DIVISION will assume the item meets the specifications unless the bid clearly states it is an alternate, and describes specifically how it differs from the item specified. **MULTIPLE OR ALTERNATE BIDS WILL NOT BE ACCEPTED UNLESS SO STATED IN THE SPECIFICATIONS.** (f) By signing the bid the bidder certifies that all of the information provided is accurate, and that prices bid are correct. (g) This bid may not be withdrawn for a period of 60 days from bid due date.

2. **SUBMITTING THE BID:** (a) The bid must be signed in ink, sealed in a properly-addressed envelope, and either mailed or delivered to the DIVISION OF PURCHASING, 3150 State Office Building, Capitol Hill, Salt Lake City, UT 84114-1061 by the "Due Date and Time." **The "Bid Number" and "Due Date" must appear on the outside of the envelope.** (b) Bids, modifications, or corrections received after the closing time on the "Due Date" will be considered late and handled in accordance with the Utah Procurement Rules, section R33-3-109. (c) **Your bid will be considered only if it is submitted on the forms provided by the state. Facsimile transmission of bids to DIVISION will not be considered.** (d) All prices quoted must be both F.O.B. Origin per paragraph 1.(c) and F.O.B. Destination. Additional charges including but not limited to delivery, drayage, express, parcel post, packing, cartage, insurance, license fees, permits, costs of bonds, or for any other purpose must be included in the bid for consideration and approval by the DIVISION. Upon award of the contract, the shipping terms will be F.O.B. Destination, Freight Prepaid with freight charges to be added to the invoice unless otherwise specified by the DIVISION. (e) All State purchases are subject to the Utah Procurement Code, Title 63, Chapter 56 Utah Code Annotated 1953, as amended, and the Procurement Rules as adopted by the Utah State Procurement Policy Board (Utah Administrative Code Section R33).

3. **FAILURE TO BID:** Failure to respond may result in the removal of your firm from the bidder's list for the commodity(s) listed, unless you advise DIVISION in writing prior to due date that you desire to receive future invitations to bid on this commodity(s). **Three consecutive no responses will automatically result in removal.**

4. **PROPRIETARY INFORMATION:** Suppliers are required to mark any specific information contained in their bid which is not to be disclosed to the public or used for purposes other than the evaluation of the bid. Each request for nondisclosure must be accompanied by a specific justification explaining why the information is to be protected. Pricing and service elements of any bid will not to be considered proprietary. Bids submitted may to be reviewed and evaluated by any persons at the discretion of the state.

5. **BONDS:** The state has the right to require a bid bond, payment bond and/or a faithful performance bond from the bidder in an amount not to exceed the amount of the contract.

6. **SAMPLES:** Samples of item(s) specified in this bid, when required by DIVISION, must to be furnished free of charge to DIVISION. Any item not destroyed by tests may, upon request made at the time the sample is furnished, to be returned at the bidder's expense.

7. **WARRANTY:** The contractor agrees to warrant and assume responsibility for all products (including hardware, firmware, and/or software products) that it licenses, contracts, or sells to the State of Utah under this contract for a period of one year, unless otherwise specified and mutually agreed upon elsewhere in this contract. The contractor (seller) acknowledges that all warranties granted to the buyer by the Uniform Commercial Code of the State of Utah applies to this contract. Product liability disclaimers and/or warranty disclaimers from the seller are not applicable to this contract unless otherwise specified and mutually agreed upon elsewhere in this contract. In general, the contractor warrants that: (1) the product will do what the salesperson said it would do, (2) the product will live up to all specific claims that the manufacturer makes in their advertisements, (3) the product will be suitable for the ordinary purposes for which such product is used, (4) the product will be suitable for any special purposes that the State has relied on the contractor's skill or judgement to consider when it advised the State about the product, (5) the product has been properly designed and manufactured, and (6) the product is free of significant defects or unusual problems about which the State has not been warned. Remedies available to the State include the following: The contractor will repair or replace (at no charge to the State) the product whose nonconformance is discovered and made known to the contractor in writing. If the repaired and/or replaced product proves to be inadequate, or fails of its essential purpose, the contractor will refund the full amount of any payments that have been made. Nothing in this warranty will be construed to limit any rights or remedies the State of Utah may otherwise have under this contract.

8. **DIVISION APPROVAL:** Purchase orders placed, or contracts written, with the state of Utah, as a result of this bid, will not to be legally binding without the written approval of the director of the DIVISION.

9. **AWARD OF CONTRACT:** (a) the contract will to be awarded with reasonable promptness, by written notice, to the lowest responsible bidder that meets the specifications. Consideration will to be given to the quality of the product(s) to be supplied, conformity to the specifications, the purpose for which required, delivery time required, discount terms and other criteria set forth in this invitation to bid. (b) The bids are opened publicly in the presence of one or more witnesses. the name of each bidder, and the amount of the bid is recorded. Each bid, and the record, is open to public inspection. (c) The DIVISION may accept any item or group of items, or overall low bid. the DIVISION has the right to cancel this invitation to bid at any time prior to the award of contract. (d) The DIVISION can reject any and all bids. And it can waive any informality, or technicality in any bid received, if the DIVISION believes it would serve the best interest of the State. (e) Before, or after, the award of a contract the DIVISION has the right to inspect the bidder's premises and all business records to determine the holder's ability to meet contract requirements. (f) DIVISION does not guarantee to make any purchase under awarded contract(s). Estimated quantities are for bidding purposes only, and not to be interpreted as a guarantee to purchase any amount. (g) Utah has a reciprocal preference law which will to be applied against bidders bidding products or services produced in states which discriminate against Utah products. For details see Section 63-56 20.5 -20.6, Utah Code Annotated.

10. **ANTI-DISCRIMINATION ACT:** The bidder agrees to abide by the

provisions of the Utah Anti-discrimination Act, Title 34 Chapter 35, U.C.A. 1953, as amended, and Title VI and Title VII of the Civil Rights Act of 1964 (42 USC 2000e), which prohibit discrimination against any employee or applicant for employment, or any applicant or recipient of services, on the basis of race, religion, color, or national origin; and further agrees to abide by Executive Order No. 11246, as amended, which prohibits discrimination on the basis of sex; 45 CFR 90 which prohibits discrimination on the basis of age, and Section 504 of the Rehabilitation Act of 1973 or the Americans with Disabilities Act of 1990, which prohibits discrimination on the basis of

disabilities. Also bidder agrees to abide by Utah's Executive Order, dated March 17, 1993, which prohibits sexual harassment in the workplace. Vendor must include this provision in every subcontract or purchase order relating to purchases by the State of Utah to insure that the subcontractors and vendors are bound by this provision.

revision date: 2/14/2000

Invitation to Bid

Description:

The State of Utah, Department of Health, Division of Health Care Financing (HCF), is soliciting bids for NCR Authorized hardware and software maintenance and support. Fees to include software updates, documentation updates and hotline support. The support will include Remote Support 7 days per week, 24 hours a day, and On-site Support from 8Am to 5PM Monday through Friday.

The time period of this maintenance and support contract is from **February 1, 2003 through Jan. 31, 2004** with three (3) options to renew the contract on an annual basis. The awarded vendor may submit a written request for a future year price escalation to HCF 60 days prior to the expiration of a contract period. HCF reserves the right to accept, reject or negotiate any future price escalation requests.

Bidders must submit written proof from NCR they are by authorized to provide these services or the bid will be rejected.

Bids must be received by the Division of Purchasing in a sealed envelope by the due date and time listed on the bid cover page. Please note the bid number and due date on the outside of the envelope.

Please see attached page for hardware and software descriptions.

Questions may be submitted in writing prior to 12/31/02 to JoLyn Brixey via email at: jbrixey@utah.gov

Software and hardware annual maintenance price: \$ _____

Software Products:

Description:	# of Licenses
NCR CLI Module for Windows	2
NCR Teradata BTEQ Win-9X/NT/2000, Version 5.04.01.00, Teradata Manager Release 4.11	2
NCR Teradata FastLoad Win-9X/NT/2000, Version 7.03.01, Teradata Manager Release 4.11	2
NCR Teradata Multiload Win-9X/NT/2000, Version 7.04.01, Teradata Manager Release 4.11	2
NCR Teradata FastExport Win-9X/NT/2000, Version 7.04.01, Teradata Manager Release 4.11	2
NCR Teradata OLE DB Win-9X/NT/2000 Access Module, Version 2.0.0	2

Hardware:

NCR Teradata Data Warehouse Single Node 4800 System which includes:

1412-C139-0007	SCSI CABLE 68-68 PIN, 2.5 FEET	3
1428-C001-0010	POWER CABLE	1
1440-C715-9999	M/F 68PIN SCSI TERMINATOR	4
3484-1006-8090	S24,2x500 AWS,12+ Nodes	1
3484-F050-0000	POWER CORD, US	1
3484-F233-0000	ETHERNET ADPT, PCI, INTEL PRO100+, 2-CH	1
3484-F700-0000	KEYBOARD, US ENGLISH	1
3484-F730-0000	MODEM, EXTERNAL 28.8, USA	1
3498-2294-8090	MONITOR 21IN COL .22, TCO92, D	1
4071-1020-7194	1000VA LINE-INTERACTIVE UPS	1
	POWERMON II UPS ORDERLY SHUTDOWN	
4071-K519-V001	SOFTWARE	1
6000-9102-8090	NSC – Enterprise Storage (40/80)	1
6000-F248-0000	Install Feature 6285-1440	1
6000-K930-0000	NSC Accessories Kit	1
6288-1440-8900	Enterprise Modular (MA) 1440	1
6288-F201-0000	Dual Ent. cntrl w/32MB cache	1
6288-F433-0000	QA (4) 36GB 10K rpm disk drive	6
9100-4835-8090	WM 4800 SINGLE NODE CABINET	1
9100-F118-0000	Memory DIMM-1GB 4x256MB	1
9100-F222-0000	PCB-PCI TO IBM ESCON	1
9100-F233-0000	Adapt Dual Ethernet PCI 10/100	1
9100-F282-0000	PCB-PCI 2.1 PQS UNSHARED	1
9100-F283-0000	Adapt - PCI - HPPQSQS 80MB/sec	2
9100-F357-0000	HD Disk - 18GB 10K U/W HP	1
9100-F431-0000	Tape- 8mm 20/40GB	1
9100-F807-0000	NCR unix MP-RAS NFS Preload	1
9100-K930-0000	Cable Kit	2
9100-K936-0000	System Accessories Kit	1
F396-6170-0000	SYSTEM MGMNT READY FEATURE FOR NCR	1

F601-7715-0000	EOE/MPP 1 NODE	1
F601-7811-0000	S40 AWS OPERATING ENVIRONMENT	1
F7A4-0070-0000	CLI Module Windows 9x/NT - 25 User Pak License	1
F7A4-0780-0000	SW;TDATA DBQM ENH ODBC WIN 9X/	3
F7A4-0970-0000	Teradata BTEQ for MPP UNIX Node License	1
F7A4-0990-0000	Teradata CLI for MPP UNIX Node License	1
F7A4-1010-0000	Teradata FastLoad for MPP UNIX Node License	1
F7A4-1040-0000	Teradata ASF2 for MPP UNIX Node License	1
F7A4-1100-0000	TDAT MultiLoad MPP UNIX Node License	1
F7A4-1120-0000	TDAT FastExport MPP UNIX Node License	1
F7A4-1190-0000	Teradata Client for IBM MVS CPC license	1
F7A4-1230-0000	DUL for IBM MVS Site License	1
F7A4-1310-0000	Teradata BTEQ for IBM MVS CPC License	1
F7A4-1410-0000	FastLoad for IBM MVS CPC License	1
F7A4-1490-0000	Teradata MultiLoad for IBM MVS CPC License	1
F7A4-2170-0000	REELlibrarian & REELbackup	1
	Robotic Library Manager	
F7A4-2500-0000	(35XX/45XX/5100S&C/single-node 4700)	1
F7A4-2520-0000	TERADATA MANAGER SINGLE USER L	1
F7A4-2570-0000	QUERYMAN SITE LICENSE	1
F7A4-2560-0000	DATABASE QUERY MANAGER SITE LI	1
	Teradata PBSA ESCON 4800/5200 Channel	
F7A4-3450-0000	Connect per adapter	1
F784-1425-0000	Tdat V2R3.0 4800/5200 Base System (1st node)	1
H075-5130-0000	Teradata WINDDI for Windows	1

NCR 4400 AP

Node

1412-C139-0100	CABLE,SCSI 68HD-68HD 10M	2
1428-C001-0010	POWER CABLE	1
1440-C715-9999	M/F 68PIN SCSI TERMINATOR	2
3484-F730-0000	MODEM, EXTERNAL 28.8, USA	1
3498-2294-8090	MONITOR 21IN COL .22, TCO92, D	1
4082-1500-7194	UPS - DOMESTIC (120 VOLTS, 50/60HZ)	1
	POWERMON II ORDERLY SHUTDOWN	
4082-K519-V001	SOFTWARE	1
4400-4000-8090	WM4400D CTO MODEL	1
4400-F032-0000	PROCESSOR, PIII XEON 550/1M	2
4400-F048-0000	BOARD, DRAKE VRM	3
4400-F059-0000	POWER CORD- US 120V	4
4400-F117-0000	MEMORY DIMM- 256MB	4
4400-F123-0000	ADPT,PCI,SGL ULTRA SCSI SE	1
4400-F233-0000	ADPT, PILA8470 PRO100+ DUAL, I	1
4400-F282-0000	ADPT PCI,2.1 - PQS SCSI	1
4400-F356-0000	HD DISK- 9GB 10000 U/W HOT PLU	3
4400-F359-0000	HD,DISK,36GB 10K ULTRA2SCSI HP	2
4400-F430-0000	TAPE DRIVE,8MM 7/14GB,2X	1
4400-F450-0000	CD-ROM DRIVE, 32X	1
4400-F611-0000	SUPPLY, REDUNDANT 420W POWER	1
4400-F700-0000	KEYBOARD- US ENGLISH	1
4400-F759-0000	DOCUMENT,MODEM SPEC	1
4400-F781-0000	MOUSE- 2 BUTTON	1
6401-7240-8090	2 Dr x 40 Slot DLT7000 RTL	1

4400-F808-0000	PRELOAD- CS OE	1
4400-F812-0000	STAGING OPTION	1
F041-3292-0000	SERVER MANAGER FOR MP RAS	1
F301-7510-0000	HOT PLUG SUPPORT	1
F396-6170-0000	SYSTEM MGMNT READY FEATURE FOR NCR	1
F481-6130-0000	C/S OE 1-8 USR	1
F7A4-0860-0000	Teradata CLI for SMP UNIX Node License	1
F7A4-0890-0000	Teradata FastLoad for SMP UNIX Node License	1
F7A4-0900-0000	TDAT MultiLoad for SMP UNIX Node License	1
F7A4-2420-0000	REELLIBRARIAN & REELBACKUP	
F7A4-0910-0000	TDAT FastExport for SMP UNIX Node License	1

ATTACHMENT A: STANDARD TERMS AND CONDITIONS

1. **AUTHORITY:** Provisions of this contract are pursuant to the authority set forth in 63-56, Utah Code Annotated, 1953, as amended, Utah State Procurement Rules (Utah Administrative Code Section R33), and related statutes which permit the STATE to purchase certain specified services, and other approved purchases for the STATE.
2. **CONTRACT JURISDICTION, CHOICE OF LAW, AND VENUE:** The provisions of this contract shall be governed by the laws of the State of Utah. The parties will submit to the jurisdiction of the courts of the State of Utah for any dispute arising out of this Contract or the breach thereof. Venue shall be in Salt Lake City, in the Third Judicial District Court for Salt Lake County.
3. **LAWS AND REGULATIONS:** Any and all supplies, services and equipment furnished will comply fully with all applicable Federal and State laws and regulations.
4. **RECORDS ADMINISTRATION:** The CONTRACTOR shall maintain, or supervise the maintenance of all records necessary to properly account for the payments made to the CONTRACTOR for costs authorized by this contract. These records shall be retained by the CONTRACTOR for at least four years after the contract terminates, or until all audits initiated within the four years, have been completed, whichever is later. The CONTRACTOR agrees to allow STATE and Federal auditors, and STATE Agency Staff, access to all the records to this contract, for audit and inspection, and monitoring of services. Such access will be during normal business hours, or by appointment.
5. **CONFLICT OF INTEREST:** CONTRACTOR represents that none of its officers or employees are officers or employees of the State of Utah, unless disclosure has been made in accordance with 67-16-8, Utah Code Annotated, 1953, as amended.
6. **CONTRACTOR, AN INDEPENDENT CONTRACTOR:** The CONTRACTOR shall be an independent contractor, and as such, shall have no authorization, express or implied, to bind the STATE to any agreements, settlements, liability, or understanding whatsoever, and agrees not to perform any acts as agent for the STATE, except as herein expressly set forth. Compensation stated herein shall be the total amount payable to the CONTRACTOR by the STATE. The CONTRACTOR shall be responsible for the payment of all income tax and social security amounts due as a result of payments received from the STATE for these contract services. Persons employed by the STATE and acting under the direction of the STATE shall not be deemed to be employees or agents of the CONTRACTOR.
7. **INDEMNITY CLAUSE:** The CONTRACTOR agrees to indemnify, save harmless, and release the STATE OF UTAH, and all its officers, agents, volunteers, and employees from and against any and all loss, damages, injury, liability, suits, and proceedings arising out of the performance of this contract which are caused in whole or in part by the negligence of the CONTRACTOR'S officers, agents, volunteers, or employees, but not for claims arising from the State's sole negligence.
8. **EQUAL OPPORTUNITY CLAUSE:** The CONTRACTOR agrees to abide by the provisions of Title VI and VII of the Civil Rights Act of 1964 (42USC 2000e) which prohibits discrimination against any employee or applicant for employment or any applicant or recipient of services, on the basis of race, religion, color, or national origin; and further agrees to abide by Executive Order No. 11246, as amended, which prohibits discrimination on the basis of sex; 45 CFR 90 which prohibits discrimination on the basis of age; and Section 504 of the Rehabilitation Act of 1973, or the Americans with Disabilities Act of 1990 which prohibits discrimination on the basis of disabilities. Also, the CONTRACTOR agrees to abide by Utah's Executive Order, dated March 17, 1993, which prohibits sexual harassment in the work place.
9. **SEPARABILITY CLAUSE:** A declaration by any court, or any other binding legal source, that any provision of this contract is illegal and void shall not affect the legality and enforceability of any other provision of this contract, unless the provisions are mutually dependent.
10. **RENEGOTIATION OR MODIFICATIONS:** This contract may be amended, modified, or supplemented only by written amendment to the contract, executed by the parties hereto, and attached to the original signed copy of the contract.
11. **DEBARMENT:** The CONTRACTOR certifies that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction (contract), by any governmental department or agency. If the CONTRACTOR cannot certify this statement, attach a written explanation for review by the STATE.
12. **TERMINATION:** Unless otherwise stated in the Special Terms and Conditions, this contract may be terminated, with cause by either party, in advance of the specified termination date, upon written notice being given by the other party. The party in violation will be given ten (10) working days after notification to correct and cease the violations, after which the contract may be terminated for cause. This contract may be terminated without cause, in advance of the specified expiration date, by either party, upon 90 days prior written notice being given the other party. On termination of this contract, all accounts and payments will be processed according to the financial arrangements set forth herein for approved services rendered to date of termination.
13. **SALES TAX EXEMPTION:** The State of Utah's sales and use tax exemption number is E33399. The tangible personal property or services being purchased are being paid from State funds and used in the exercise of that entity's essential functions. If the items being purchased are construction materials, they will be converted into real property by employees of this government entity, unless otherwise stated in the contract.
14. **WARRANTY:** The contractor agrees to warrant and assume responsibility for all products (including hardware, firmware, and/or software products) that it licenses, contracts, or sells to the State of Utah under this contract for a period of one year, unless otherwise specified and mutually agreed upon elsewhere in this contract. The contractor (seller) acknowledges that all warranties granted to the buyer by the Uniform Commercial Code of the State of Utah apply to this contract. Product liability disclaimers and/or warranty disclaimers from the seller are not applicable to this contract unless otherwise specified and mutually agreed upon elsewhere in this contract. In general, the contractor warrants that: (1) the product will do what the salesperson said it would do, (2) the product will live up to all specific claims that the manufacturer makes in their advertisements, (3) the product will be suitable for the ordinary purposes for which such product is used, (4) the product will be suitable for any special purposes that the State has relied on the contractor's skill or judgement to consider when it advised the State about the product, (5) the product has been properly designed and manufactured, and (6) the product is free of significant defects or unusual problems about which the State has not been warned. Remedies available to the State include the following: The contractor will repair or replace (at no charge to the State) the product whose nonconformance is discovered and made known to the contractor in writing. If the repaired and/or replaced product proves to be inadequate, or fails of its essential purpose, the contractor will refund the full amount of any payments that have been made. Nothing in this warranty will be construed to limit any rights or remedies the State of Utah may otherwise have under this contract.
15. **PUBLIC INFORMATION:** Contractor agrees that the contract will be a public document, as to distribution of copies, and Contractor gives the STATE express permission to make copies of the contract and/or of the response to the solicitation in accordance with the State of Utah Government Records Access and Management Act. The permission to make copies as noted will take precedence over any statements of confidentiality, proprietary information, copyright information, or similar notation.

(Revision date: Apr 24, 2002)